REMARKS

In the Official Action mailed on **September 8, 2004** the Examiner reviewed claims 1-34. Claims 1-34 were rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the written description requirement. Claims 2, 3, 13, 22 and 31 were rejected under 35 U.S.C. §112, first paragraph as failing to comply with the enablement requirement. Claim 23 was rejected under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1-34 were rejected under 35 U.S.C. §103(a) as being unpatentable over Jones (USPN 5,684,984, hereinafter "Jones") in view of Trenbeath (USPN 6,324,587, hereinafter "Trenbreath").

Rejections under 35 U.S.C. §112

Claims 1-34 were rejected as failing to comply with the written description requirement.

Applicant has amended independent claims 1, 12, 21, 28, and 32-34 to remove the rejected limitations.

Claim 23 was rejected as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Applicant has amended dependent claim 23 to remove the rejected limitations.

Rejections under 35 U.S.C. §103(a)

Independent claims 1, 12, 21, 28, and 32-34 were rejected as being anticipated by Jones. Applicant respectfully points out that Jones teaches distributing change information to objects that registered interest in **the object** changed (see Jones, col. 14, lines 45-47).

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In contrast, the present invention sends the object change information to a second system (see page 4, line 28 to page 5, line 2; page 7, lines 23-28) that has registered with **the object persistence system** of the first system prior to distributing the object change information from the first system to the second system, wherein the registration process causes the first system to know that the second system wants to receive object change information of objects changed in the first system (see page 12, line 30 to page 13, line 8; page 13, line 28 to page 14, line 2). An *object persistence system* is not the same as an *object*. The *object persistence system* includes in-memory object caches that store *objects* read from the database (see page 4, lines 17-22). The advantage of registering with the *object persistence system* of the first system is that the second system does not need to register with *each individual object* it is interested in.
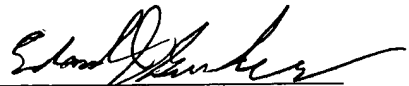
Accordingly, Applicant has amended independent claims 1, 12, 21, 28, and 32-34 to clarify that the present invention sends changes to a second system upon detecting that the object has been changed, wherein the second system is registered in the first system prior to distributing the object change information from the first system to the second system, wherein the registration process causes the first system to know that the second system wants to receive object change information of objects changed in the first system, thereby eliminating the need for the second system to register with every object it is interested in. These amendments find support on see page 12, line 30 to page 13, line 8; page 13, line 28 to page 14, line 2 of the instant application.

Hence, Applicant respectfully submits that independent claims 1, 12, 21, 28, and 32-34 as presently amended are in condition for allowance. Dependent claims 4 and 14 have been cancelled. Applicant also submits that claims 2-11, which depend upon claim 1, claims 13-20, which depend upon claim 12, claims 22-27, which depend upon claim 21, and claims 29-31, which depend upon claim 28, are for the same reasons in condition for allowance and for reasons of the unique combinations recited in such claims.

CONCLUSION

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

By   _(signature)_
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